



Receipt

DEC 18 2003

PATENT & TRADEMARK OFFICE

ATTORNEY DOCKET NO. 5649-1143

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Lee et al.

Serial No.: 10/657,596

Filed: September 8, 2003

For: *METHODS FOR FORMING RUTHENIUM FILMS WITH  $\beta$ -DIKETONE CONTAINING RUTHENIUM COMPLEXES AND METHOD FOR MANUFACTURING METAL-INSULATOR-METAL CAPACITOR USING THE SAME*

Confirmation No. 5657

Art Group Unit: 2812

Date: December 16, 2003

Attn: Office of Initial Patent Examination  
Customer Service Center  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

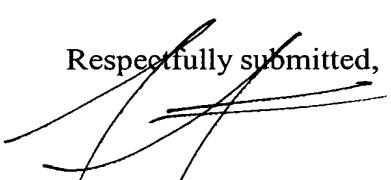
**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

In reviewing the Official Filing Receipt (copy attached) for the above referenced application, Applicant notes that the inventor Han-jin Lim's name incorrectly appears as "Han-jim Lirn". Applicant respectfully requests that "Han-jin Lirn" be replaced with "Han Jin Lim" and that a corrected Filing Receipt be issued.

If any extension of time for the accompanying response or submission is required, Applicant requests that this be considered a petition therefor. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to our Deposit Account No. 50-0220.

Respectfully submitted,

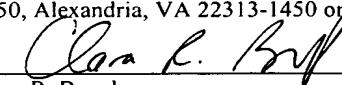
  
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Registration No. 31,793

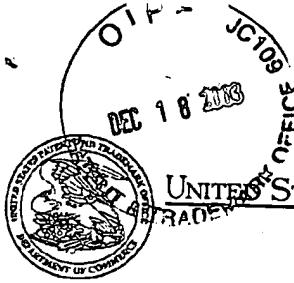
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**Certificate of Mailing under 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 16, 2003.

  
Clara R. Beard



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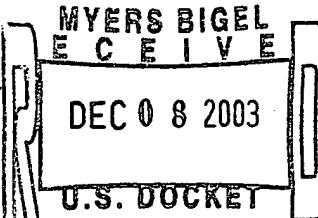
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|------------|---------------------------|----------|---------------|----------------|----------|----------|----------|
| 10/657,596 | 09/08/2003                | 2812     | 1410          | 5649-1143      | 12       | 52       | 4        |

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CONFIRMATION NO. 5657

FILING RECEIPT



Date Mailed: 12/05/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

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Domestic Priority data as claimed by applicant

Foreign Applications

REPUBLIC OF KOREA 2003-12044 02/26/2003

If Required, Foreign Filing License Granted: 12/04/2003

Projected Publication Date: 08/26/2004

Non-Publication Request: No

12-08-03 A09:30 IN

Early Publication Request: No

**Title**

Methods for forming ruthenium films with beta-diketone containing ruthenium complexes and method for manufacturing metal-insulator-metal capacitor using the same

**Preliminary Class**

438

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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